

L Number	Hits	Search Text	DB	Time stamp
-	1	("5701965").PN.	USPAT	2003/02/11 10:32
-	136	(70/93).CCLS.	USPAT	2002/09/04 16:39
-	118	((("5674041") or ("5704439") or ("5712426") or ("5730236") or ("5556121") or ("5592705") or ("5593111") or ("5596262") or ("5630756") or ("5632502") or ("5669086") or ("5670780") or ("5441401") or ("5466111") or ("5480172") or ("5507513") or ("5522568") or ("5971071") or ("5764014") or ("5791425") or ("5791597") or ("5794730") or ("5854843") or ("5884929") or ("5924720") or ("5944131") or ("5975225") or ("5988304") or ("5248007") or ("5194872") or ("4351540") or ("0584127") or ("0726897") or ("1231531") or ("1373655") or ("1591529") or ("2742973") or ("3104112") or ("3145797") or ("3216738") or ("3260324") or ("3288234") or ("3348518") or ("3374845") or ("3390933") or ("3397898") or ("3399742") or ("3580344") or ("3596298") or ("3710682") or ("3804435") or ("3814199") or ("3848883") or ("3882949") or ("3907051") or ("3984748") or ("5350033") or ("5366036") or ("5386516") or ("5421598") or ("5297021") or ("5304496") or ("5314034") or ("5333894") or ("5335741") or ("5346280") or ("5273296") or ("5294141") or ("5203170") or ("4949408") or ("4998596") or ("4944360") or ("4897070") or ("4874055") or ("4897070") or ("4809804") or ("4759418") or ("4709772") or ("4624469") or ("4592570") or ("4566707") or ("4565385") or ("4527648") or ("4455029") or ("4479752") or ("4484780") or ("4500102") or ("4442723") or ("4398858") or ("4375840") or ("4359200") or ("4354569") or ("4312417") or ("4244215") or ("4241931") or ("4222449") or ("4212443") or ("4119163") or ("4109741") or ("4088199") or ("4020635") or ("5137295") or ("5181733") or ("5095701") or ("5096361") or ("5102195") or ("5111899") or ("5076390") or ("5060967") or ("5052237") or ("5042607") or ("5036938") or ("6003624") or ("6009964") or ("6056078") or ("6062600") or ("6070898") or ("6112843") or ("6141618")).PN.	USPAT	2002/09/04 16:46
-	1258867	wheelchair\$2 or vehicle\$2	USPAT;	2003/02/11 10:36
-	467508	(wheelchair\$2 or vehicle\$2) and motor	EPO; JPO; DERWENT	2003/02/11 10:36
-	60709	((wheelchair\$2 or vehicle\$2) and motor) and frame\$2	USPAT;	2003/02/11 10:36
-	26177	((((wheelchair\$2 or vehicle\$2) and motor) and frame\$2) and wheel\$2	EPO; JPO; DERWENT	2003/02/11 10:37
-	3327	(((((wheelchair\$2 or vehicle\$2) and motor) and frame\$2) and wheel\$2) and output\$2 adj shaft\$2	USPAT;	2003/02/11 10:37
-	317	((((((wheelchair\$2 or vehicle\$2) and motor) and frame\$2) and wheel\$2) and output\$2 adj shaft\$2) and planetary adj gear\$2	EPO; JPO; DERWENT	2003/02/11 10:38
-	183	((((((((wheelchair\$2 or vehicle\$2) and motor) and frame\$2) and wheel\$2) and output\$2 adj shaft\$2) and planetary adj gear\$2) and sun adj gear\$2	USPAT;	2003/02/11 10:38

CLIPPEDIMAGE= JP409117476A

PAT-NO: JP409117476A

DOCUMENT-IDENTIFIER: JP 09117476 A

TITLE: ELECTRICAL DRIVING DEVICE FOR VEHICLE

PUBN-DATE: May 6, 1997

INVENTOR-INFORMATION:

NAME

TAKAHASHI, HIROYUKI

FUJITA, HIROICHI

ASSIGNEE-INFORMATION:

NAME

YAMAHA MOTOR CO LTD

COUNTRY

N/A

APPL-NO: JP07280401

APPL-DATE: October 27, 1995

INT-CL (IPC): A61G005/04

ABSTRACT:

PROBLEM TO BE SOLVED: To reduce exothermic influence from a motor or the like and to improve reliability of operating performance.

SOLUTION: The left and right driving wheels 25 are individually driven by a motor 4 or 5, with the revolving speed individually changed and controlled by a power controller 6 or 7, performing vehicle speed change and steering. In the center of each driving wheel 25, a hub body 31 is provided which is rotatably attached to a wheel shaft 34. The hub body 31 is formed hollowly and provided with an opening sideways, which is covered with a highly conductive metallic cover 35 attached to the wheel shaft 34. The motor 4 or 5 is fixed to the

cover 35, and at a position away from it, the power controller 6 or 7 is fixed on the surface of the cover 35 facing the inside of the hub body 31. At a position away from the motor 4, 5 and the power controller 6, 7, a main controller is provided for controlling the power controller 6, 7 on the basis of the signal inputted from a manually operated travelling command part.

COPYRIGHT: (C)1997,JPO

CLIPPEDIMAGE= JP410151157A

PAT-NO: JP410151157A

DOCUMENT-IDENTIFIER: JP 10151157 A

TITLE: DRIVING DEVICE FOR MOTOR-DRIVEN WHEELCHAIR

PUBN-DATE: June 9, 1998

INVENTOR-INFORMATION:

NAME

TAKEZAWA, YOSHINORI

ISHIDA, YOSHINOBU

ASSIGNEE-INFORMATION:

NAME

NABCO LTD

COUNTRY

N/A

APPL-NO: JP08327564

APPL-DATE: November 22, 1996

INT-CL (IPC): A61G005/04

ABSTRACT:

PROBLEM TO BE SOLVED: To easily remove a wheel by arranging a wheel shaft part, which is integrally arranged with the wheel and rotates together with the wheel, coaxially with an output part of a driving part by being pivoted so that a passive engaging part projecting to the shaft directional inside to the wheel can be locked on and released from the output part.

SOLUTION: In a driving device 53 of a motor-driven wheelchair, a bracket 1 enclosing a motor 4 or the like is fixed to a pipe 3 of a car body frame by a belt 2. A rotor 4b of the motor 4 is rotatably supported by the bracket 1 through a ball bearing 5, and a sun gear 6 is installed on a rotary shaft of

this rotor 4b, and plural planetary gears 7 are meshed so as to be respectively inscribed in this sun gear 6 and an annular ring gear 8, and rotating speed of the motor 4 is reduced. A wheel shaft part 12 integrally arranged with a wheel 11 is rotatably held by the bracket 1 through a ball bearing 13 after a passive engaging part 12x projecting to the shaft direction inside of the wheel 11 is entered up to the imost part of the bracket 1.

COPYRIGHT: (C)1998,JPO